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UTILITY PATENT APPLICATION TRANSMITTAL <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>		Attorney Docket No.	COTH-P02-001
		First Inventor	Noubar B. Afeyan
		Title	ADZYMES AND USES THEREOF
		Express Mail Label No.	EV323526861US

10/650561
U.S.PTO
08/27/03

APPLICATION ELEMENTS		ADDRESS TO: Commissioner for Patents Washington, DC 20231											
See MPEP chapter 600 concerning utility patent application contents.													
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original, and a duplicate for fee processing)</i> 2. <input checked="" type="checkbox"/> Applicant claims small entity status. 3. <input checked="" type="checkbox"/> Specification [Total Pages 173] <i>(preferred arrangement set forth below)</i> - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (<i>if filed</i>) - Detailed Description - Claim(s) - Abstract of the Disclosure		7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> a. <input type="checkbox"/> Computer Readable Form (CRF) b. <input type="checkbox"/> Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies											
ACCOMPANYING APPLICATIONS PARTS <table border="0"> <tr> <td>9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))</td> <td>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i></td> </tr> <tr> <td>11. <input type="checkbox"/> English Translation Document (<i>if applicable</i>)</td> <td>12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</td> </tr> <tr> <td>13. <input type="checkbox"/> Preliminary Amendment</td> <td>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i></td> </tr> <tr> <td>15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i></td> <td>16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</td> </tr> <tr> <td>17. <input type="checkbox"/> Other: _____</td> <td></td> </tr> </table>				9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))	10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i>	11. <input type="checkbox"/> English Translation Document (<i>if applicable</i>)	12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations	13. <input type="checkbox"/> Preliminary Amendment	14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i>	15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>	16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.	17. <input type="checkbox"/> Other: _____	
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17. <input type="checkbox"/> Other: _____													
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 19] 5. Oath or Declaration [Total Pages _____] a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 1a completed)</i> i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).													
6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76													

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP) of prior application No.: _____

Prior application information: Examiner _____ Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

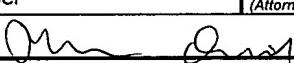
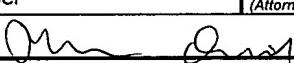
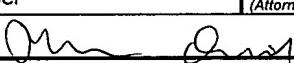
19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	28120	<input type="checkbox"/> Correspondence address below			
Name	ROPES & GRAY LLP Matthew P. Vincent				
Address	One International Place				
City	Boston	State	MA	Zip Code	02110-2624
Country	US	Telephone	(617) 951-7000		Fax (617) 951-7050
Name (Print/Type)	John D. Quisel	Registration No. (Attorney/Agent)	47,874		
Signature			Date	August 27, 2003	

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV323526861US, in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, Alexandria, VA 22313-1450, on the date shown below.

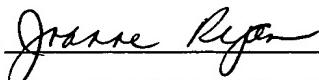
Dated: 8/27/03 Signature: Joanne Ryan (Joanne Ryan)

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FEE TRANSMITTAL for FY 2003 <small>Patent fees are subject to annual revision.</small>		Complte if Known																																																																																																																																																	
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The Commissioner is hereby authorized to: (check all that apply) <input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Large Entity</th> <th style="width: 30%;">Small Entity</th> <th style="width: 40%;">Fee Description</th> <th style="width: 10%; text-align: right;">Fee Paid</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051 65 Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>1052</td><td>50</td><td>2052 25 Surcharge - late provisional filing fee or cover sheet.</td><td></td></tr> <tr><td>1053</td><td>130</td><td>1053 130 Non-English specification</td><td></td></tr> <tr><td>1812</td><td>2,520</td><td>1812 2,520 For filing a request for ex parte reexamination</td><td></td></tr> <tr><td>1804</td><td>920*</td><td>1804 920* Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1805</td><td>1,840*</td><td>1805 1,840* Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td>110</td><td>2251 55 Extension for reply within first month</td><td></td></tr> <tr><td>1252</td><td>410</td><td>2252 205 Extension for reply within second month</td><td></td></tr> <tr><td>1253</td><td>930</td><td>2253 465 Extension for reply within third month</td><td></td></tr> <tr><td>1254</td><td>1,450</td><td>2254 725 Extension for reply within fourth month</td><td></td></tr> <tr><td>1255</td><td>1,970</td><td>2255 985 Extension for reply within fifth month</td><td></td></tr> <tr><td>1401</td><td>320</td><td>2401 160 Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>320</td><td>2402 160 Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>280</td><td>2403 140 Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1,510</td><td>1451 1,510 Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td>110</td><td>2452 55 Petition to revive - unavoidable</td><td></td></tr> <tr><td>1453</td><td>1,300</td><td>2453 650 Petition to revive - unintentional</td><td></td></tr> <tr><td>1501</td><td>1,300</td><td>2501 650 Utility issue fee (or reissue)</td><td></td></tr> <tr><td>1502</td><td>470</td><td>2502 235 Design issue fee</td><td></td></tr> <tr><td>1503</td><td>630</td><td>2503 315 Plant issue fee</td><td></td></tr> <tr><td>1460</td><td>130</td><td>1460 130 Petitions to the Commissioner</td><td></td></tr> <tr><td>1807</td><td>50</td><td>1807 50 Processing fee under 37 CFR 1.17(q)</td><td></td></tr> <tr><td>1806</td><td>180</td><td>1806 180 Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>8021</td><td>40</td><td>8021 40 Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>1809</td><td>750</td><td>2809 375 Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>1810</td><td>750</td><td>2810 375 For each additional invention to be examined (37CFR 1.129(b))</td><td></td></tr> <tr><td>1801</td><td>750</td><td>2801 375 Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>1802</td><td>900</td><td>1802 900 Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="2" style="text-align: center;">Other fee (specify)</td><td colspan="2" style="text-align: center;">*Reduced by Basic Filing Fee Paid</td></tr> <tr> <td colspan="2" style="text-align: center;">SUBTOTAL (1) (\$ 375.00)</td> <td colspan="2" style="text-align: center;">SUBTOTAL (3) (\$ 0.00)</td> </tr> <tr> <td colspan="4" style="text-align: center;">**or number previously paid, if greater. 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Quisel</td> <td>Registration No. (Attorney/Agent)</td> <td>47,874</td> </tr> <tr> <td>Signature</td> <td colspan="3"></td> </tr> <tr> <td>Date</td> <td colspan="3">August 27, 2003</td> </tr> </tbody></table>		Large Entity	Small Entity	Fee Description	Fee Paid	1051	130	2051 65 Surcharge - late filing fee or oath		1052	50	2052 25 Surcharge - late provisional filing fee or cover sheet.		1053	130	1053 130 Non-English specification		1812	2,520	1812 2,520 For filing a request for ex parte reexamination		1804	920*	1804 920* Requesting publication of SIR prior to Examiner action		1805	1,840*	1805 1,840* Requesting publication of SIR after Examiner action		1251	110	2251 55 Extension for reply within first month		1252	410	2252 205 Extension for reply within second month		1253	930	2253 465 Extension for reply within third month		1254	1,450	2254 725 Extension for reply within fourth month		1255	1,970	2255 985 Extension for reply within fifth month		1401	320	2401 160 Notice of Appeal		1402	320	2402 160 Filing a brief in support of an appeal		1403	280	2403 140 Request for oral hearing		1451	1,510	1451 1,510 Petition to institute a public use proceeding		1452	110	2452 55 Petition to revive - unavoidable		1453	1,300	2453 650 Petition to revive - unintentional		1501	1,300	2501 650 Utility issue fee (or reissue)		1502	470	2502 235 Design issue fee		1503	630	2503 315 Plant issue fee		1460	130	1460 130 Petitions to the Commissioner		1807	50	1807 50 Processing fee under 37 CFR 1.17(q)		1806	180	1806 180 Submission of Information Disclosure Stmt		8021	40	8021 40 Recording each patent assignment per property (times number of properties)		1809	750	2809 375 Filing a submission after final rejection (37 CFR 1.129(a))		1810	750	2810 375 For each additional invention to be examined (37CFR 1.129(b))		1801	750	2801 375 Request for Continued Examination (RCE)		1802	900	1802 900 Request for expedited examination of a design application		Other fee (specify)		*Reduced by Basic Filing Fee Paid		SUBTOTAL (1) (\$ 375.00)		SUBTOTAL (3) (\$ 0.00)		**or number previously paid, if greater. 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Dated: 8/27/03

Signature: 

(Joanne Ryan)